

## METHOD AND APPARATUS FOR DISCOVERY OF OPERATIONAL BOUNDARIES FOR SHMOO TESTS

### ABSTRACT OF THE DISCLOSURE

5           Method and apparatus for discovery of operational boundaries for  
shmoo tests. Specifically, a method of testing operational boundaries is  
described in one embodiment of the present invention. The method  
discloses the discovery of an operational range for a hardware device over  
a plurality of varying operating parameters. The operational range is  
10   discovered by testing points, as defined by the plurality of varying  
operating parameters, to discover an operational boundary of the device.  
The operational boundary comprises a plurality of boundary points that lie  
just outside of the operational range of the device. The operational  
boundary is discovered automatically and without testing all of a plurality  
15   of interior operational points within the operational boundary.